



SRIMANTA SANKARADEVA UNIVERSITY OF HEALTH SCIENCES

Narakasur Hilltop, Bhangagarh, Guwahati, Assam

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No. SSUHS/629/2022/9106


Dated: 26-12-2023

NOTIFICATION

(Academic No. 29/2023)

This is for information to all concerned that as per the letter vide No. FA/XX/343/2021/81 dated-20th Dec, 2022 received from the Assam Police Headquarters, Guwahati (attached herewith), Srimanta Sankaradeva University of Health Sciences (SSUHS) has introduced the subject "Cyber Security" from the 2023-24 academic session for all the institutes affiliated under SSUHS are requested to take the necessary steps to include the subject "Cyber Security" in their undergraduate/postgraduate academic curriculum in the subject Computer Applications.

The syllabus of the same for the undergraduate level is attached herewith with this notification and the syllabus for the postgraduate level will be communicated in subsequent notification to be issued later on.


(Dr. Rocket Chandra Brahma)
Registrar (Academic)

Srimanta Sankaradeva University of Health
Sciences

Dated: 26-12-2023

Memo No. SSUHS/629/2022/9107-11

Copy to:

1. The Director of Medical Education, Assam. Sixmile, Khanapara, Ghy-22 for information.
2. The Principal/Director of the Medical Colleges of Assam/Dr. B. Borooah Cancer Institute, Guwahati/State Cancer Institute, Guwahati/Regional College of Nursing.
3. All the Principal of the Paramedical Institutes affiliated under SSUHS.
4. The P.S. to the Hon'ble Vice Chancellor of Srimanta Sankaradeva University of Health Sciences for kind appraisal of the Hon'ble Vice Chancellor.
5. Notice Board/SSUHS website.


Registrar (Academic)

Srimanta Sankaradeva University of Health
Sciences

ASSAM POLICE HEADQUARTERS
ULUBARI, GUWAHATI

VC- (548)
For P

Letter No. FA/XX/343/2021/81.

Dated Guwahati, the 20th Dec, 2022.

From : Dr. Nitul Gogoi, IPS,
Inspector General of Police, (Admn.)
Assam, Guwahati.

To : (1) The Secretary to the Govt. of Assam,
Department of Higher Education, Assam, Dispur, Guwahati.

(2) The Vice-Chancellors-
Assam University, Silchar/ Tezpur University, Sonitpur/ Assam
Agriculture University, Jorhat/ Assam Rajiv Gandhi University of
Co-operative Management, Sivasagar/ Assam Science & Technology
University, Guwahati/ Assam Women's University, Jorhat/ Bodoland
University, Kokrajhar(BTAD)/ Bhattadev University, Bajali/ Cotton
College State University, Guwahati/ Dibrugarh University/ Gauhati
University, Guwahati/ Krishna Kanta Handiqui State Open University,
Khanapara, Guwahati/ Kumar Bhaskar Varma Sanskrit & Ancient
Studies University, Nalbari/ Madhabdev University, Lakhimpur/
Majuli University of Culture, Majuli/ National Law University and
Judicial Academy, Guwahati/ Rabindranath Tagore University, Hojai/
Srimanta Sankardeva University, Guwahati/ Sri Sri Anirudhadeva
Sports University, Dibrugarh/ Assam Don Bosco University, Sonapur,
Guwahati/ Assam Down Town University, Guwahati/ Krishnaguru
Adhyatmik Viswavidyalaya, Barpeta/ Mahapurusha Srimanta
Sankardeva Viswavidyalaya, Nagaon/ The Assam Kaziranga
University, Jorhat/ The Assam Royal Global University, Guwahati/
Central Institute of Technology(CIT), Kokrajhar(BTAD).

Sub. : **Syllabus of Cyber Security course for Under Graduate and
Post Graduate released by UGC on 06-10-2022.**

Sir/ Madam.

In inviting a reference to the subject cited above, I am directed to
enclose herewith a copy of letter No. 22003/53/2019-14C, dated 03-11-2022 along with
it's enclosure received from the Chief Executive Officer, Indian Cyber Crime Coordination
Centre (CIS Division) Ministry of Home Affairs, Govt. of India, New Delhi, which will speak
for itself.

In this regard, you are, requested to kindly introduce the "Course
Curriculum" of cyber security course for Under Graduate and Post Graduate levels in the
University academic programme.

Encls:- As stated above.

Yours faithfully,

Del.
Inspector General of Police, (Admn.),
Assam, Guwahati.

Dated Guwahati, the 20th Dec, 2022.

Memo No. FA/XX/343/2021/81-A.

As directed, copy forwarded to:-

1. The Principal Secretary to the Hon'ble Chief Minister, Assam, Dispur, Guwahati for
favour of kind information.

2. The Secretary to the Govt. of Assam, Home(A) Deptt., Dispur, Guwahati for favour
of kind information and necessary action alongwith the above letter.

3. Shri Rajesh Kumar, Chief Executive Officer, Indian Cyber Coordination Centre (CIS
Division) Ministry of Home Affairs, Govt. of India, New Delhi-110001 for favour of
kind information with reference to his above letter.

4. The Guard file for record.

Del.
Inspector General of Police (Admn.)
Assam, Guwahati

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the enclosure ?
BSc Head Tech
MPT
Include in
R/A.*

CYBER SECURITY SYLLABUS

INTRODUCTION TO CYBERSECURITY.

- Defining cyberspace and Overview of computer and Web-technologies.
- Architecture of cyberspace.
- Communication and web technology.
- Internet, World Wide Web.
- Concept of cyber security.
- Regulation of cyberspace.
- Concept of cyber security
- Issues and challenges of cyber security.

CYBER CRIME AND CYBER LAW.

- Classification of cyber crimes.
- Common cyber crimes.
- Cyber crime targeting computers and mobiles.
- Financial frauds.
- Social engineering attacks.
- Cybercriminals modus-operandi, reporting of cyber crimes.
- Legal perspective of cyber crime, IT act 2000 and its amendments.
- Cyber crime and offences, Organizations dealing with cyber crimes and cyber security in India.

SOCIAL MEDIA OVERVIEW AND SECURITY.

- Introduction to Social networks.
- Types of Social media and social media platforms, Social media monitoring.
- Hashtag, Viral content, Social media privacy
- Flagging and reporting of inappropriate content.
- Best practices for the use of Social media.

E-COMMERCE AND DIGITAL PAYMENTS.

- Definition of E-Commerce, Main components of E-Commerce.
- Elements of E-Commerce security, E-Commerce threats
- Introduction to digital payments, Modes of digital payments-Banking Cards, Unified Payment Interfaces (UPI), e Wilets.


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- Digital payments related common frauds and preventive measures
- RBI guidelines on digital payments and customer protection in unauthorized banking transaction.

DIGITAL DEVICES SECURITY TOOLS AND TECHNOLOGIES FOR CYBER SECURITY -

- End point device and Mobile phone security.
- Password policy, Security patches management.
- Downloading and management of third party software.
- Cyber security best practices.

PRACTICALS-

- Setting and configuring two factor authentications in the mobile phone.
- Security patch management and updates in computer and mobiles.
- Installation and configuration of computer anti-virus.
- Wi-fi security management in computer and mobile.


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